# Zefeng (Daniel) Wang

*No sponsorship required*
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## Experience

Datadog
**Software Engineer II**                                                                                            *Nov 2023 – Present*
- Spearheaded zero-to-one launch of Change Management product as **solo engineer, delivering GA in 6 months**
- **Drove ~25% MoM growth** by embedding into other internal products to boost usage as an approval system
- Collaborated cross-functionally with design partners and internal stakeholders to develop and prioritize roadmap
- Accelerated delivery of Event Management product to public beta, fixing critical reliability issues blocking launch
- Designed and implemented e2e testing service **reducing time to detection by multiple days** for incidents
- Mentored early career engineers and leading new hire backend development onboarding for the engineering org

**Software Engineer I**                                                                                              *July 2022 - Nov 2023*
- Introduced rate limiting in pipeline to protect core business logic and fixed browser tests to **reduce flakiness 90%**
- Implemented a **dead-letter queue (Kafka)** to improve reliability and facilitate replay pipeline in case of incident
- Worked with product/design stakeholders to redesign configuration UI, **increasing user retention 50%**
- Initially worked on the Incident Management product, spurring **~10% MoM user growth over 10 months**
- Launched workstreams feature to beta, with rapid adoption from internal/beta customers in high severity incidents
- Finisher on private visibility feature, updating ES schema, search facets, and maintaining backwards compatibility

Tesla
**Software Engineering Intern**                                                                          *September – December 2021*
- Enhanced observability for multiple microservices (Go, Python) by implementing distributed tracing using Sentry to identify bottlenecks resulting in **significant (>50%) decreases in p95 run time** for various API endpoints
- Reduced friction in developer experience by implementing Tilt and Helm charts to run app in local K8s cluster
- Migrated event streaming from RabbitMQ to Kafka to improve scalability and reduce downtime for users

Goldman Sachs
**Engineering Summer Analyst**                                                                                *June – August 2021*
- Productionized financial reporting program and conducted user acceptance testing with product stakeholders
- Leveraged caching and abstracted implementation to decrease flakiness and **improve calculator's speed by 30%**

Intuit
**Software Developer Co-op**                                                                                  *May – December 2020*
- Increased accessibility of metrics on the Observability team for QuickBooks Online product (Java Spring, Go)
- Created API for internal resource by implementing schema & CRUD functions for a MySQL database, configuring Elasticsearch index to improve search efficiency, and setting up infrastructure for Kubernetes cluster

BusRight, Inc
**Backend Web Engineer**                                                                            *November 2019 – November 2020*
- Developed password reset process (authn, email) and persistent notifications functionality (Firestore, SendGrid)
- Migrated backend from JavaScript to TypeScript to ensure code reliability and reduce technical debt
- Implemented Cloud Functions for daily data backup and profile picture actions triggered on user deletion/creation

## Technical Skills

- **Languages:** Golang, Python, JavaScript/TypeScript (NodeJS, React), Java, HTML, CSS
- **Datastores:** PostgreSQL, Kafka, Elasticsearch, Redis
- **Tools/Libraries:** Docker, Kubernetes (Google Cloud, AWS), *nix, Git, Bazel

## Education

**Northeastern University**, **Khoury College of Computer Sciences**                                         Boston, MA
*Bachelor of Science in Computer Science & Business Administration (Magna Cum Laude)*                         2022